

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: July 8, 2004

Inspector: Chuck Gidman

Location: Norwalk Substation Expansion

**Storm/
Rain Event** Approx. 0.43" of rain fell on 7/2 with only other traces of rain since the last inspection.

Areas of Inspection	Observation	Recommended Action
Access Roads	<ul style="list-style-type: none"> - Access roads are drying out and are still completely accessible. 7/8/04 - New Canaan Avenue is still free of tracked sediment 4/28-7/8/04 	<ul style="list-style-type: none"> - None at this time. Continue to monitor. 7/8/04 - None at this time. Continue to monitor. 7/8/04
Foundation construction	<ul style="list-style-type: none"> - Work on the control house is ongoing and the forms on the walls were being removed. 6/18-7/8/04 - Work continues on the retaining walls including placing concrete caps on retaining wall #2. 7/8/04 - Some work is being done on footings for future structures. 7/8/04 	<ul style="list-style-type: none"> - The areas are well contained at this time. 7/8/04
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> - The silt fence remains in good shape 7/8/04 	<ul style="list-style-type: none"> - Continue to be proactive in silt fence repair and maintenance.

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls cont'd	- The hydroseeded area below the Route 7 ramp and above wall #4 is filling in with weeds and woody vegetation and is stabilizing. 7/8/04.	- None at this time. 7/8/04
	- A new concrete washout station continues to be used appropriately. 7/8/04	- The main objective is to keep all washout water from resource areas and storm drains.
	- The topsoil stockpile remains well contained along the retaining wall and fill activities continue to the east of wall #2. 6/30-7/8/04	- The pile will continue to be used where necessary in areas to be grassed in the future and all soil is well contained. 6/30-7/8/04
	<ul style="list-style-type: none"> - Work in the overflow channel continues as the fabric liner and cobblestones are being placed in the northern portion. 6/30-7/8/04 - The cobblestones are being installed well and are including the shape of the meandering internal channel. 6/30-7/8/04 - Work is approximately ¼ of the way complete in this area. 7/8/04 	<ul style="list-style-type: none"> - The channel is still separated from the river by the silt fence and the sheet piling. When the channel is complete, the cobblestones will be used to blend into the existing grade. 6/30-7/8/04 - There is no flow in this area at the time and it is likely the overflow channel can be connected to this area in dry conditions 6/30-7/8/04
	- Grass continues to grow and revegetate the repaired area below wall #5. One small spot along the steeper slope here remains sparse. 7/8/04	-Continue to monitor for sufficient vegetative growth and future stabilization. Some additional seed should be placed by hand in the bare spot. 7/8/04
Inland Wetland and Watercourse encroachment and mitigation	<ul style="list-style-type: none"> - The silt fence is still well in place along the river. 7/8/04 - The overflow channel is under construction and most areas are at grade. Cobblestones and the liner are being installed from the northern portion of the channel. 7/8/04. 	<ul style="list-style-type: none"> - Continue to monitor silt fence and repair as necessary, especially in portions closest to the river. - The area is well under control with little disturbed soil. It is likely that the connection to the river will occur in completely dry conditions within 1-2 weeks. Cobblestones will be used to blend into the existing river

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		bed area The channel is still holding some water with the exception of the where the cobbles are being placed. 6/24-7/8/04
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	- The recently repaired scoured area below wall #5 is experiencing growth of grass cover. 6/10-7/8/04 -One area along the slope below wall #5 was sparse and could use some grass seed. 7/8/04	- The area will be monitored for cover. Future observations may find that a more significant root structure is needed here. 5/27-7/8/04 - If any areas still look sparse, some seed could be scattered. 6/30-7/8/04
Dewatering	- Dewatering activities are complete at this time.	-No actions required at this time.
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.
Spills	- There were no spills reported during the week or noted on site during the inspection. 7/8/04	- The contractors should remain vigilant about securing and handling fuel containers due to the sensitivity of the area - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis. - Report spills to the office immediately, even if they are being controlled.

Areas of Inspection	Observation	Recommended Action
Additional Observations	- The D&M plan for the Plumtree substation has been approved and work is scheduled to begin there next week. Reports will continue in the same format. 6/3-7/8/04	

Next likely scheduled inspection:

Friday July 16, 2004 _____

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: *Diana Walden for Chuck Gidman*